

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Inventors:** Davis et al.

**Patent No.:** 7,085,689 B2

**Issued:** August 1, 2006

**For:** METHOD AND APPARATUS FOR  
CREATING A SIMULATED PARTICLE  
PACK

**Attorney Docket No.:** 2507-5903US

**VIA ELECTRONIC FILING**

**August 31, 2009**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
OFFICE MISTAKES (37 C.F.R. § 1.322)**

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

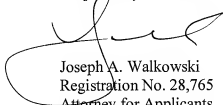
It is noted that several errors appear in this patent of a typographical nature. These errors are due to mistakes in printing on the part of the U.S. Patent and Trademark Office, and occurred through no fault of the Applicants. A certificate of correction in the form attached hereto is requested.

Please send the Certificate to:

Name: Joseph A. Walkowski  
Address: TraskBritt  
P.O. Box 2550  
Salt Lake City, Utah 84110

Attached hereto is Form PTO/SB/44, which is suitable for printing.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Joe Walkowski', written over the printed name and registration number.

Joseph A. Walkowski  
Registration No. 28,765  
Attorney for Applicants  
TRASKBRITT, PC  
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Telephone: 801-532-1922

Date: August 31, 2009  
JAW/df/slm

Attachment: PTO/SB/44

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,085,689 US  
APPLICATION NO. : 09/805,606  
ISSUE DATE : August 1, 2006  
INVENTOR(S) : I. Lee Davis; and Michael P. Iverson

Page 1 of 2

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the specification:**

COLUMN 5, LINE 61,	change "accordind" to --according--
COLUMN 7, LINE 11,	change ""Machine"" to --"Machine"--
COLUMN 13, LINE 42,	change "terms" to --terms--
COLUMN 13, LINE 57,	change "andj" to --and j--
COLUMN 23, LINE 38,	change "ie." to --i.e.--
COLUMN 32, LINE 26,	change "further" to --further--
COLUMN 39, LINE 50,	change "+ $\sin\theta_{ji} \sin\phi_{ji} \cos\theta_c'$ " (84b)" to --+ $\sin\theta_{ji} \sin\phi_{ji} \cos\theta_c'$ ). (84b)--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Joseph A. Walkowski  
TRASKBRITT  
230 South 500 East, Suite 300  
Salt Lake City, Utah 84102 USA

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
**SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,085,689 US  
APPLICATION NO. : 09/805,606  
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INVENTOR(S) : I. Lee Davis; and Michael P. Iverson

Page 2 of 2

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the specification (continued):**

COLUMN 41, LINE 6,	change "cos(θ <sub>c</sub> 0a)" to --cosθ <sub>c</sub> (90a)--
COLUMN 44, LINE 5,	change "cos(θ <sub>c</sub> 1 <sub>c</sub> 108b)" to --cosθ <sub>c</sub> ](108b)--
COLUMN 49, LINE 68,	change "sinΦ <sub>c</sub> )] <sup>1/2</sup> (1.47)" to -- sinΦ <sub>c</sub> )] <sup>1/2</sup> . (147)--
COLUMN 54, LINE 8,	change "And" to --and--
COLUMN 56, LINE 31,	change "fuiction" to --function--
COLUMN 64, LINE 24,	change "a re" to --are--
COLUMN 64, LINE 24,	change "pl e" to --pole--

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